

ESTOUP, J.H.

57-2062. Abstract of the article "The new receiving relay of the P.T.T. Administration for long distance cable telegraphy". Ann. postes, telegraphes et telephones, p.319-361, May 1939. (18p.)

On Some Stabilizing Devices Operated by Voice
Currents, by R. Bigorgne, P. Marzin, 38 pp.

FRENCH, per, Ann Postes Telegraphes et Tele-
phones, Vol XXIV, No 6, Jun 1935, pp 573-599.

SIA Tr 57-321

Sci - Physics
Sep 57

52,822

BIGORGNE, R. and MARZIN, P.

57-2046. High stability repeater for two-wire telephone circuits. Ann. postes., telegraphes et telephones, 25, no.6, p.595-603, June 1936. (15p.)

Abstract of the Article "The New Receiving Relay of
the P.T.T. Administration for Long Distance Cable
Telegraphy", by J. H. Estoup, 18 pp.

FRENCH, per, Ann Pontes Telegraphes et Telephones,
May 1939, pp 319-331.

SLA Tr 57-2062

Sci
Jul 58

68,084

On a Few Typical Models of Velocity-Modulated
Tubes, by R. Warnecke, 102 pp.

FRENCH, per, Annales de Radioelectricite, X
Vol III, No 12, 1948, pp 71-106.

SIA 60-14339

Sci
Feb 62
Vol III, No 11

182,799

Contribution to the Study of the Electrolytic
Phenomena in Glass, by Jean Peyssou, 17 pp.
GOVERNMENT USE ONLY
FRENCH, per, Annales de Radio-Electricite, Vol 3,
1948, pp 107-114.
ARM/FSTC/IIT-23-407-70

Sci/Elect
Mar 70

404,801

Optical Polishing an Element in the Construction of
Vacuum Tubes, by A. Danzin, 14 pp. (9206536)

FRENCH, par, Annals de Radioelectricite, Vol III,
No 14, 1948, pp 281-289.

A.C.S.I.L. Tr 1381

Sci - Electron
May 63

232,178

Contribution to the Study of the Electrical Properties
of Glasses Used in the Construction of Radio Tubes (1),
by P. Meunier, 33 pp.

GOVERNMENT USE ONLY

FRENCH, per, Annales de Radio Electricite, Vol 4, 1949,
pp 54-67.

ARM/FSTC/HT-23-2444-69

Sci/Elect
Sept 69

389,944

The Experimental Determination of the Phase
Characteristics of Circuits Used in Centimetre
Waves, by M. Denis and P. Palluel, 25 pp.

FRENCH, per, Annales de Radioelectricite,
No 4, 1949, pp 316-330. CIA C 5443.

A.C.S.I.L. Trans 472

Sci - Electronics

30,100

Bricka, M. and Bruck, H.
ON A NEW ELECTRONIC GUN FOR HIGH VOLTAGE
TUBES. [1962] 13p. (figs. omitted).
Order from: SLA \$1.60 62-18566

Trans. of Annales [de] Radioelectricité (France)
1948, v. 5 [no. 14] p. 339-343.

DESCRIPTORS: Cathode ray tubes, *Electron guns,
Design, Resolution, *Electron microscopes,
*Diffraction analysis.

A description is given of an electronic gun for use in
diffraction analyzers and microscopes. Included are
results of measurements of the geometric definition of
the spot and the yield. The gun, used without a con-
denser, reaches at 45 kV a current density ten times
higher and a yield of about 20%, or 13 times higher
than that of the conventional gun without condensor.
The total consumption of high voltage current is
approximately equal to 40 A. (Author)

62-18566

I. Bricka, M.
H. Bruck, H.

(Engineering--Electronic,
TT, v. 10, no. 1)

Office of Technical Services

Contribution to the Study of the Electric
Properties of Glasses Used in the
Manufacture of Radio Tubes, by P. Mounier,
32 pp.

FRENCH, par, Annales de Radiophysique,
Vol IV, No 15, 1949, pp 54-67.

SLA 60-16850

Sci
Vol IV, No 7
Apr 62

193,872

Method of Calculating the Non-Linear Distortion
as a Function of the Variations of the Propaga-
tion Time of an Amplifier in Frequency Modulation,
by J. Fagot, 14 pp.

FRENCH, per, Ann Radioelec, Vol V, No 19, Jan 1950,
pp 8-11.

SJA Tr 57-1482

Sci - Physics

54,490

Oct 57

Passive Relays of the Ayouzer - Bin-el-Guidene
Link, by R. Chaur, J. Descotte.

FRENCH, per, Annales de Radioelectricite, Vol V,
No 21, July 1950.

ACSI H-5524

Sci - Electronic

Apr 60

111,902

Study of Semi-Conductors at High Temperatures.
Refractory Thermistances, by N'Gyen Thien-Chi,
J. Suchet.

FRENCH, per, Ann Radio-Elec, Vol VI, 1951, pp
99-105.

INSDOC-T1562

Sci
Aug 58

70,739

Condensers With Ceramic Dielectric: Their Performance and Characteristics in Service, by A. Danzin.

FRENCH, per, Ann Radioelect, Vol VI(24), Apr 1951, pp 156-179.

TPA3/TIB Tr No 3923
P 22298T

Scientific - Condensers, ceramic, dielectric,
electricity

Index aeronauticus

Study of the Diffraction of the Plane Screens
and Its Application to Hertzian Lenses, by
J. C. Simon, 83 pp.

FRENCH, per, Annales de Radioelectricite,
Vol VI, No 25, 1951, pp 205-243.

Air Res and
Dev Command

T-246 F U

Scientific - Electronics CTS/DEX

13,534

A New Medium Wave 150 Kw Broadcast Transmitter in
Luxembourg, by H. Campet, S. Odartchenko,
UNCLASSIFIED

Full translation.

FRENCH, per, Annales de Radioelectricite, No 28,
Apr 1952X 1952, Paris.

USASIA SC-79A/60
SCIA Tr No 603

Scientific - Electronics Jul 53 CTS/DEX

3979

C.S.F. Television Transmitters, by
J. Polonsky L, Amster, G. Melchior,
31 pp.

FRENCH, per, Annales de Radioelectricite,
Vol VII, No 23, Arp 1952, pp 151-165.

USASIA: SC-79B/60

Sci -
Oct 61

General Remarks on Feed-Back Travelling Wave Tube
Self-Oscillators. Theory of the Reflex Travelling
Wave Tube, by M. Denis, 30 pp.

FRENCH, per, Annales de Radio-Electricite, Vol VII,
No 29, Jul 1952; pp 189-188.

CIA/FDD/Z-100

Scientific - Electronics

15,904
Jul 54 CTS

Experimental Research on the Mode of Oscillation
and the Bunching Effectiveness Factor of a
Reflex Klystron, by M. Bennetot, 26 pp.

FRENCH, per, Ann Radioelec, Vol VIII, No 32,
Apr 1953, pp 103-110.

SLA Tr R-991

Sci - Electricity

54,505

Oct 57

ANNALES DE RADIOELECTRICITE
1955 V8 N33 P183-193 70-13079-09F
1955 V10 N41 P217-227 70-11284-09B

Order from NTC

Some Types of Electrostatic Immersion Objectives
for High Magnification, by A. Septier, 12 pp.

~~RUSSIA~~ FRENCH, per, Annales de Radioelectricite,
Vol IX, No 35, 1954, pp 374-410. 9676881

NRL Tr 831

Sci - Electrons

Jun 62

AEC-NPTR-1689

199,423

P911277964-V

A Study of "Bar Lines" with Periodic Structure
for U. H. F. Electron Tubes, by A. Leblond and
G. Mourier, 34 pp.

FRENCH, per, Ann Radioelectricite, Vol IX, No
36, Apr 1954, pp 180-192.

SLA 57-3324

Sci

Aug 58

72, 338

On the Calculation of Permanent Magnets of Tubular
Form, by M. de. Bennetot, 15 p.

^{Per}
FRENCH, Partial Trans, (p 208-214) of Annales de
Radioelectricite, 1954, Vol IX, No 36, pp 193-216.

SLA 59-1.0209

Sci
Jan 60
Vol 2, No 5

Measurements of Lifetimes of Minority Carriers in
Semiconductors, by P. Aigrain, 25 pp.

FRENCH, per, Ann Radioelec, Vol IX, pp 219-226,
July 1954.

S. L. A. Tr 947/56

Sci - Electricity
SEP 56 CES

39,116

Bar Lines with Periodic Structure, by A. Le-
blond and G. Mourier, 47 pp.

FRENCH, per ^{ANC} ~~Radioelectricite~~, Vol. IX, No 38,
Oct 1954, pp 311-328.

SLA 57-3323

Sci

Aug 58

72,337

Some Types of Electrostatic Immersion Objectives
for High Magnification, by A. Septier.

FRENCH, per, Annales de Radioelectricite de la
Generale de TRF, Vol 9, No 38, 1954, pp 374-410.
*JRC 2815

Sci -Nuclear Sciences
Aug 67

Some Fluctuation Problems in Radio Engineering,
by J. C. Simon, 36 pp.

~~RUSSIAN~~
FRENCH, ~~PER~~, Annales de Radio-electricite, Vol X,
No 39, 1955, pp 3-19.

Morris D. Friedman 5-112

30,278

Scientific - Electronics

Jan 56 CTS/DEX
\$18.00

Study of the Diffraction of Electromagnetic
Waves Through a Network of Metal Plates Perforated
With Holes, by G. Broussaud.

FRENCH, per, Annales de Radioelectricite, Vol X,
1955, pp 42-63.

*SLA/A-111

Sci-Electron
Jul 63

Study of the Oscillation Modes of the K-Carcinotron.
I., by M. de Bennetot.
FRENCH, par, Annales de Radioelectricite, Vol 10,
1955, pp 328-343.
Dept of Navy API/JHU T-2134

USASIA: SC-80a/60

Sci/Elect
Sep 68

363,241

Antenna Presenting a Diagram of Enlarged
Lob Radiation, by L. Thourel, 15 pp.

FRENCH, per, Annales de Radioelectricite, No 42,
1955, pp 348-354.

USASIA: SC-80b/60

Sci - Phys

Oct 60

The First Focalization of a Photomultiplier
For Counting of Scintillations, by G. Wendt,
30 pp.

FRENCH, per, Annales de Radiologie, No 42,
Oct 1955, pp 372-386.

UNASIA: IC-80c/60

Sci - Phys

Oct 61

170
~~170~~, 656

A Radio Electric Altimeter With Frequency Modulation, by G. Collotte, R. Labrousse, 25 pp.

FRANCE, per, Ann Radioelectr, Vol X, 1955, pp 387-398.

ABC Tr 3092

Sci - Electron

56, 872

Dec 57

~~XXXXXXXXXX~~ Effects of Precision in the Manufacture
of ~~XXX~~ Antennas on Their Performance, by
J. Robieux, 42 pp.

FRENCH, per, Annales de Radioelectricite, Vol XI,
No 43, Jan 1956, pp 29-56.

ACSI I-8284

ID 2224771

CSIRO/706665

226,519

Sci - Electron
Apr 63

The Calculation of Circuits Using Junction
Transistors at High Frequencies, by
J. P. Vasseur.

FRENCH, par, Annales de Radioelectricite,
Vol XI, No 44, 1956, pp 125-144.

OSIRO

Sci - Electron
Jul 62

207,719

Recent Developments in "Carcinotron O" Tubes,
by P. Falluel,, 40 pp.

FRENCH, per, Annales de Radioélec, No 44,
Apr 1956, pp 145-164.

USASIA: /SC-81/60

Sci - Electron

Oct 61

170
~~170~~, 659

Total Coupling Commutation tube, by R. Neza and D.
Reverdin, 39 pp. (AF-745213)

FRANCK, ^{Don de} per Radioelectricite, Vol. 11, Nr. 04, Apr 56,
pp 165-183 CIA 605451

AFIC F-TS-9134/V

SLA 61-10417

56,330

CIA FDD XY-893

Sci - Electronics, Electricity
Dec 57

Electrostatic Memory Cathode Tubes and Their Uses,
by Charles Dufeur, 30 pp.

FRENCH, per, Annales de Radioelectricite, Vol XI,
No 45, Jul 1956.

USASIA SC-82a/60

Sci - Electronics

Oct 60

1 3 2, 255

Study of the Oscillation Modes of the
"Carcinotron M", by M. de Bennetot, 14 pp.

FRENCH, per, Annales de Radioelectricite, Vol XI,
No 45, Jul 1956.

USASIA SC-82b/60

Sci - Electronics

132, 256

Oct 60

Study of the Oscillation Modes of the K-Car-
cinotron, by M. De Bennetot.
FRENCH, par, Annales de Radioelectricite,
Vol 11, 1956, pp 230-238,
Dept of Navy APL/JHU T-2140

Sci
Dec 68

368,668

61-10455

Thourel, L.
THEORY OF MICROWAVE PHASE AND AMPLITUDE
COMPARISON (MONOPULSE RADAR). [1960] 36p.
Order from SLA m\$3.00, ph\$6.30 61-10455

Trans. of Annales de Radioélectricité (France) 1958,
v. 13, Apr, p. 130-139.

Having briefly recalled the general principles of operation of radars using the comparison of phases or amplitudes of signals received, the author sets out the formulae giving the values of the sum and difference of these signals. The value of the quotient of the difference by the sum is then determined as a function of the antenna pattern, the quotient being zero on the antenna axis. The variation of the direction of this axis is then examined as a function of the unbalanced conditions in the circuits shaping the sum and difference signals and conclusions are drawn in respect to the structure and position of these circuits. (Author)

(Engineering--Electronic, TT, v. 5, no. 7)

1. Microwave networks--Theory
2. Radar pulses--Theory
3. Title: Monopulse radar
1. Thourel, L.

148,513

Office of Technical Services

Phase Synchronization of an Oscillator. Application
to a Continuous Variation High Stability Pilot, by
R. Ley, 31 p.

FRENCH, par, Annales de Radioelectricite, 1958,
Vol XXXI, No 53, pp 212-223.

SLA 59-20696

Sci
Feb 60
Vol 2, No 12

109,110

Measurement of Some of the Characteristics of a
Strongly Ionized Plasma, by G. Vincent, F. Dumez,
M. Malbec, 20 pp.

FRENCH, per, Annales de Radioelectricite, No 54,
~~XVII~~ 1958, pp 326-338.

USASIA: SC-85b/60

Sci - Phys

Oct 60

Action of a Progressive Disturbance on a
Guided Electromagnetic Wave, by J. C. Simon,
33 pp.

FRENCH, per, Annales de Radioelec, Vol XIV,
No 55, 1959, pp 3-16.

UBASIA: SC-86a/60

Sci - Elect

Oct 61

170
~~170~~, 663

New Microwave Applications of Ferrites, by
F. Dachert, ~~XXXX~~ J. Robieux, P. Trevous, 37 pp.

FRENCH, per, Annales de Radioclec, Vol XIV,
No 55, 1959, pp 17-30.

SC
UBASIA: 86b/60

Sci - Electron

Oct 61

170
~~170~~, 658

Optimization of Directional Aim Data in an
Automatic Tracking Radar, Whose Turret Is
Mounted on a Mobile Platform, by G. Revillon,
43 pp.

FRENCH, per, Annales de Radioelect, Vol XIV,
No 55, 1959, pp 31-46.

UBASIA: SC-86c/60

Sci - Electron

Oct 61

170
~~170~~, 664

Contribution to the Study, at Low Temperatures,
of Semiconductor Structures of Small Dimensions,
by O. Garreta, 65 pp.

FRENCH, per, Annales de Radioelec, Vol XIV,
No 55, 1959, pp 47-72.

URASIA: SC-86a/60

Sci - Phys

Oct 61

170
~~170~~, 657

White Noise Crosstalk Meter Type FD 692,
by R. Grit, G. ~~XXXX~~ Levallant, 27 pp.

FRENCH, per, Annales de Radioelec, Vol XIV,
No 56, Apr 1959, pp 142-185.

UEASTA: SC 87/60

Sci - Elektron

170

Oct 61

~~170~~, 654

Investigation and Development of a Mass Spectrometer of the Omegatron Type. Its use for the Detection of Leaks and the Analysis of Gases at Low Pressures, by R. J. Warnecke, 59 pp.

FRENCH, per, Annales de Radioelectricite, Vol XIV, 1959; Vol XV, No 60, 1960. (9202880).

A.C.S.I.L. Tr 1321

Sci - Phys
Apr 63

226,528

General Laws of Coupling Between Wave Radiators-
Application to Surface Waves and Propagation, by
J. Robieux, 102 pp. UNCL

FRENCH, per, Annales de Radioelectricite, Vol XV,
No 62, Oct 1960, pp 331-337.

ACSI H-8296
ID 2161129

W/101
Sci - Electronics
Apr 61

143,394

...of the ...
A. Passerini, et al.
ITALIAN, per, Ann Radiol Diagn,
Vol 32, No 4, 1960, pp 253-263.
JUL 4-21-65

280, 758

Sci-004
May 65

Gautier, P., Kantorowicz, G., and Nalot, J.
THE T. P. O. M. OPERATING ON PULSES. [1962]
16p. 23 refs.
Order from SLA \$1.60

63-10247

Trans. of Annales de Radioélectrique (France) 1962,
v. 17, no. 67 [p. 3-12].

DESCRIPTORS: *Electron tubes, *Magnetrons, Elec-
tromagnetic waves, Propagation, *Amplifiers, High
frequency, Operation, *Electromagnetic pulses,
Theory.

(Engineering--Electronic, TT, v. 9, no. 11)

63-10247

I. Gautier, P.
II. Kantorowicz, G.
III. Nalot, J.

Office of Technical Services

Kleefstra, M.
THE VALVE EFFECT OF TANTALUM. [1963] 11p
refs
Order from SLA \$1.60

TT-64-14628

Trans. of Annales de Radioelectricité (France) 1963,
v. 17, no. 69, p. 23-26. (Abstract available)

DESCRIPTORS: *Capacitors, *Tantalum capacitors,
Electrical properties, Tantalum, Porosity, Silver,
Electrodeposition, Vapor plating.

A detailed study of the properties of Ta_2O_5 produced by
anodic oxidation of tantalum was made. It could be
shown that the valve effect is mainly due to the presence
of defective areas, probably pores, in the oxide. These
pores can be localized by electrolytic deposition of
silver or by the electrolytic removal of silver de-
posited by evaporation. Grazing evaporation makes it
(Engineering--Electronic, TT, v. 11, no. 11) (over)

TT-64-14628

1. Kleefstra, M.

Office of Technical Services

Steady State in a Magnetic Bottle With Trans-
verse Diffusion of Charge Carriers, by
J. M. Dolige.

GOVERNMENT USE ONLY

FRENCH, par, Annales de Radioelectricite,
Vol 19, 1961, pp 81-96.
NASA TT F-11,778

NTC 72-11734-20F

Sci
Dec 68

368,805

Millimeter Diodes on Irradiated Silicon,
by C. Pettit.
FRENCH, per, Ann Radio Electr., Vol XXI,
No 86, pp 306-311.
NASA TT F-10,823

Sci - Elect & Elect Engr
May 67
GOVERNMENT USE ONLY

324,210

Thermistors: Semi-Conductors With Large Negative Temperature Coefficients, by Nguyen Thien-Chi, Jacques Suchet, 21 pp.

FRENCH, per, Annales de Radiotelectricite Compagnies Francaises Associees de TSE, Paris, Vol V, Jul 1950, pp 155-167.

S.L.A. Tr 723/1955

Sci - Electronics
Apr 1957 CTS/dex

50,321

Tantalum Electrolytic Capacitors, by Nguyen Thien-Chi, ~~HOANG~~ Jean Vergnolle, 38 pp.

FRENCH, per, Ann Radioelec Campagne Franc Assoc
TSF, Vol IX, Jan 1954, pp 83-97.

S.L.A. Tr 1048/1956

39,261

Sci - Electronics

Definiation, Measurement and Characteristics of
Phase Velocities in Systems With Periodic Struc-
ture, by B. Epstein, G. Mourier, 29 pp.

FRENCH, per, Ann Radioelec Compagn Franc Assoc
TSF, Vol X, No 39, Jan 1955, pp 64-73.

SLA TR 57-602

Sci - Electricity

50,646

Aug 57

Counting of Thick and Thin Points in a Yarn, by
J. Grignat.
DUTCH, per, Annales Scientifiques Textiles Belges,
No 1, 1963, pp 53-78.
NTC 71-14188-11E

Feb 72

Points of Fusion and Decomposition in
the System Potassium Chloratesodium
Chlorate, by Augusto Perez Vitoria.
SPANISH, per, Anales Sociedad Espanola de
Fisica y Quimica, Vol 27, 1929, pp 787-797.

*NASA TT F-12,204

Sci-Chem
Mar 69

Physico-Chemical Considerations Concerning
the Solubilities of Salts in Various
Organic Solvents. II..Solubilities in
Acetone, by Luis M. Mille, 15p.
SPANISH, per, Sociedad Espanola de
Fisica y Quimica-Anales, Vol XI, 1945,
pp 138-161.
TC-442

Sci
Aug 67

333, 838

Infra-red Spectra of Pyrrole and Deuterated
Derivatives, by J. Morcillo, J. M.
Graz, 23p.

SEMINAR, por, Sociedad Española de
Física y Química. Anales, Vol 353.
1960, pp 231-232.
TC-358

Sci
Aug 67

333, 839

Basic Studies on the Flotation of Copper
Sulfides, by J. Llopis, J. M. Gamboa, 23 pp.
SPANISH, per, Annales Real Soc Espan Fiz Quim,
1963, pp 401-414.

CIA/FDD XX-1615
NO FOREIGN DISSEM

Sci
Nov 64
USIB Internal Use Only

269,292

Thermodiffusion in Binary Mixtures of Isotopes
of Neon and Methane: Difference in Behavior of
the Molecules $^{12}\text{CH}_3\text{D}$ and CH_4 Relative to ^{20}Ne
and ^{22}Ne , by K. Clusius, M. Quintanilla.
SPANISH, per, An Real Soc Espan Fis Quim, Ser
A, Vol 60, 1964, pp 159-166.
AEC MLM-tr-1487

Sci-Phys
Jul 68

357,351

Thermal Diffusion of 160/180 in a Clusius-Dickel Column: Comparison of Results with Theroetical Predictions, by J. Casas, J. M. Saviron.
Spanish, per, An Real Soc Espan Fis Quim, Ser A, Vol 60, 1964, pp 167-174.
AEC MLM-tr-1485

Sci-Phys
Jul 68

357,346

Effect of "Vitamin T" on Physiological Processes
in Plants, by Otto Hartel, 17 p.

~~GERMAN~~
~~ANISERIAN~~, per, Annales Rei Botanical, 1950,
* Vol II, No 1/3, pp 182-192.

SLA 59-17190

Sci
Dec 59

OTS Vol II, No 6

103,803

Antibodies Against Rickettsia Burneti in the
Serum of Slaughterhouse Animals in Tuscany.
Article VI, by R. Davoli, L. F. Signorini, 10 pp.

ITALIAN, per, Ann d Sanita Publica, Vol XII,
No 1, 1951, pp 67-73.

NIH

Scientific - Medicine
CTS 70/Jul 55

25,550

Observations on the Use of the Isopiestic
"Mechrolab" Osmometer in Molecular Weight
Determinations of Polymers, by F. Bottino.
ITALIAN, per, Annali Chim (Rome) Vol. 54, No. 7
1964, pp 718-726
GB 28

Sci -
Aug 67

337-132

Method for Preparing Cellulose Oligosaccharides, by
G. Noto La Diega.
ITALIAN, per Annali Chimm. Vol. 55, 1965, pp 267-277
CSIRO/No. 7846

Sci -
Aug 67

339-512

Tizzano, A.
THE RELATIONSHIP BETWEEN TOBACCO SMOKE
AND PULMONARY TUMORS. [1962] 28p.
Order from K-H \$35.00 K-H 9915 c

Trans. of Annali della Sanità Pubblica (Italy) 1959,
v. 20, no. 4, p. 689-709.

DESCRIPTORS: *Smokes, *Tobacco, Lungs, *Tumors.

(Biological Sciences--Pathology, TT, v. 9, no. 1)

62-22793

- I. Tizzano, A.
- II. K-H-9915-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

62-17774

Annuggi, Raffaele.
EXOGENOUS FACTORS IN THE ETIOLOGY OF
TUMORS. [1962] 91p.
Order from K-H \$113.75 K-H 11234

Trans. of Ann[ali della] Sanita Pubblica (Italy) 1960,
v. 21, p. 1395-1444.

DESCRIPTORS: *Tumors, *Etiology, Metabolism.

(Biological Sciences--Pathology, TT, v. 8, no. 5)

- I. Annuggi, R.
- II. K-H-11234
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

The Water Supply of the Province of Lecce, by
G. Magliari, V. Rubino, et al, 33 pp.
ITALIAN, per, Annali della Sanita Pubblica, 1963,
pp 1077-1099. (Call No Not Given, Eng Tr)
Army Map

WEEur-Italy
Econ
June 64

260,698

On the Mandatory Anti-tetanus Vaccination,
by Dr. Giuseppe Schillaci Schillaci, 6 pp.
ITALIAN, per, Annali della Sanita Pubblica,
1964, pp 39-43. (Call No IE6 IF2, Eng Tr)
Army Map Service

Sci - B & M Sci
Jul 64

262,830

Investigations on the Use of Italian Lignites
in the Fertilization of Soil, by V. Morani.
ITALIAN, per, Annali della Stazione Chimico-
Agraria Sperimentale di Roma Serie III -
Pubblicazione No 193 Roma 1962 I
GB/25/

Sci -
Jul 67

334,973

The Current Status of our Knowledge of the
Viral Etiology of Malformations and
Particular Attention to Congenital Cardiopathies,
by Sergio Biancone.
ITALIAN, per. Ann Sanit Pubblica, Vol 53,
No 3, 1964, pp 439-516.
NHL 4-30-65

Sci-B&M
May 65

280,767

order from NTC

ANNALES SCIENTIFIQUES DE L'ECOLE NORMALE
SUPERIEURE
1910 V27 P193-216 70-20292 <*>

On the Method of Approximate Calculation of Certain Integrals, the So-Called Saddle Point Method, by Leon Brillouin, 52 pp. UNCLASSIFIED

FRENCH, Par, Annales Scientifiques de l'Ecole Normale Supérieure, Series 3, Vol XXXIII, Paris, Feb 1916.

Nav, Tr 144/MRL 278
SLA Tr

16,434

Scientific - Mathematics

On Continuous Functionals, by Maurice Frechet,
25 pp.
FRENCH, per, Ann Sci Ec Norm. Vol 27, No 3, 1910,
pp 193-216.
AEC/ORNL-Tr-2204-69

Sci/Math
Dec 69

396,041

Pelomyxa Palustris Greeff, by Michael Lenier,
Maira Wohlfeil, et al.
GERMAN, per, Annales des Science Naturelles,
Zoologie et Biol. Anim, Series 11, Vol 16, 1954,
pp 537-549. P911005366
AEC ANL-tr-313

Sci/BQM
Aug 66

306,350

Karlson, Peter 1956
Chemical investigations of the metamorphosis hormones
of insects (Chemische Untersuchungen über die Metamorphose-
hormone der Insekten)
Annales de Sciences Naturelles, Zoologie, Series II, 16;
125-137. In German.

Transl. by Transl. Br., Fgn. Lang. Div., Dept. of Sec. of
State of Canada for FRBC Biological Station, St. Andrews, N.B.
1971, as Transl. Series No. 1654, 17p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Gabe, M. 1956
Comparative histology of the moulting gland (Y organ) of
malacostracan crustaceans (Histologie comparee de la glande
de mue (organe Y) des crustacés malacostracés)
Annales des Sciences Naturelles-Zoologie et Biologie Animales,
ser. 11(18): 145-152. In French.

Transl. by H.H.F. Weston and J.B. Sochasky, 1956, for FRBC
Biol. Sta., St. Andrews, N.B., 1970, as Transl. Series No.
1586, 9p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Echalier, .

195.

Effects of the ablation and grafting of the organ
on the moult of Carcinides moenas L. (Effets de l'ablation
et de la greffe de l'organe sur la mue de Carcinides
moenas L.)

Annales des Science naturelles - Zoologie et Biologie
Animales, 13, ser. 11., 153-154. In French.

Transl. by J.B. Sochask., for FRBC Biological Station,
St. Andrews, N.B., 1971, as Transl. Series No. 1775,
2p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Behalier, S. 1959

Organ Y and the determination of growth and moulting in
Carcinus maenas (L.) decapod crustacean (L'organe Y et le
déterminisme de la croissance et de la mue chez Carcinus
maenas (L.) crustace decapode)

Annales des Sciences Naturelles, Zoologie, 1(12): 1-59.
In French.

Transl. by Dept. of the Environment for FRBC Biological Station,
St. Andrews, N.B., 1971, as Transl. Series No. 1964, 143p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Physical Aspects of Modifications to the
Structure of Polyamide Yarns, by L.
Hermannne.
FRENCH, per, Annal. Sci. Textiles Belges,
Vol 4, 1956, pp 15-29.
GB/256/T.742

Sci -
Jul 67

334, 763

61-16796

I. Kassenbeck, P.

Kassenbeck, P.
THE INFLUENCE OF CHEMICAL AND PHYSICAL
TREATMENTS ON THE SURFACE CONDITIONS OF
VISCOSE RAYON FIBERS. [1961] [20]p. 3 refs.
Order from SLA \$1.60 61-16796

Trans. of Ann[ales] Sci[entifiques] Text[iles] Belges,
1956 [v. 4, no. 1/3] p. 176-194.

DESCRIPTORS: *Rayon fibers, Microstructure, X-ray
diffraction analysis, *Cellulose, Surface properties,
Fibers, Synthetic fibers.

An examination of the fine structure of viscose rayon
fibers under the electron microscope showed at the
surface of the fiber, an extremely fine membrane or
"cuticle", the submicroscopic structural characteristics
of which were established in a sufficiently accurate
manner to permit a valid interpretation of the modifi-
cations of the surface and of the behavior of the fiber
during the various physical and chemical treatments
either during or after spinning. (Author) (See also
60-18410)
(Materials--Textiles, TT, v. 6, no. 3)

180515

Office of Technical Services

61-12628

Vaeck, S. V. and Ville-Boorsma, G. de.
DETERGENT ACTION IN NON-AQUEOUS MEDIA. 1.
REDEPOSITION OF PIGMENT SOIL IN CLEAN
SOLVENTS (Detergie in Nelt-waterig Midden. I. De
Redepositie van Pigmentvuil in Zuivere Solventen) tr.
by D. A. Sinclair. 1961, 17p. 8 refs. National Re-
search Council of Canada Technical trans. 924.
Order from NRCC \$1.00 NRCC C-3541

Trans. of Annales Scientifiques Textiles Belges, 1958
[v. 6] no. 8, p. 44-58.

151499

(Materials--Textiles, TT, v. 3, no. 8).

1. Carbon black--Solvent extraction
2. Textiles--Test results
1. Vaeck, S. V.
- II. Ville-Boorsma, G. de
- III. NRCC TT-924
- IV. NRCC C-3541
- V. National Research Council of Canada
- VI. Title: Redeposition...

Office of Technical Services

Mean Diameter Variations in Batches of Worsted
Yarn During Their Manufacturing, by F. Monfort.
FRENCH, per, Annales Scientifiques Textiles
Belges, No 3, 1959, pp 33-57.
CSIRO/No. 7460

Sci -
Aug 67

~~335,841~~
335,841

Report on Some Industrial Tests Concerning
Oiling of Worsted Wool, by F. Montfort.

FRENCH, per, Annales Scientifiques Textiles
Belges, No 3, 1959, pp 83-93.

CSIRO 4917

Sci - Engr
Mar 62

189,266

Auto-Radiography of Wool Washed with
Radioactive Soap, by M. Robinet, J. Roussel.
FRENCH, per, Ann Sci Text Belges, No 4,
1961, pp 35-54
CSIRO/No 7203

Sci -
Jul 67

334,553

Determination of the Distribution of Fiber
Length Using the Apparatus of the Wira, by -
DUTCH, per, Annales Scientifiques Textiles Belges,
No 1, 1963, pp 86-93.
NTC 71-14193-11E

Feb 72

Action of Alkaline Nitrates and of Silver Nitrate on
Anhydrides of the Aromatic Series, by C. Gheorghu.

RENCH, per, Ann Sci Univ Jassy, Vol II, 1923, pp
pp 308-309.

*00/C
per memo 16 Jan 61

Sci - Chem

Feb 61

PARAINFLUENZA VIRUSES, BY M. LA PLACA, C. MOSCOVICI,
22PP.

ITALIAN, PER, ANNALI SCLAVO, VOL III, NO L, 1961,
PP 63-95.

NIH 6-61-62

SCI - MED

208,797

AU G 62

Observations on the Cytopathic Effect Induced by the
Parainfluenza Viruses in Tissue Cultures, by
N. Trombetta, L. Vitali-Mazza.

ITALIAN, per, Annali Sclavo, Vol III, No 6, 1961,
pp 692-702.

MMH 1-57-63

Sci - Biol/Med Sci

232/92

May 63

Determination of the Abscissae in a Range which
Give the Least Possible Maximum Value of the sum
of Squares of the Base Functions of Lagrangian I
Interpolation in the Range, by L. Fejer.
PINNCHI, per, Annali della Scuola Normale Superiore
di Pisa, Scienze Fisiche e Matematiche (II), Vol I
1932, pp 263-276. P911127466
AEC NP-tr-1426

Sci/Math
Dec 66

314,579

63-10342

Damianovich, Horacio.
INERTIA AND CHEMICAL ACTIVITY OF THE RARE
GASES: RELEASE OF HELIUM BY THE PLATINUM-
HELIUM COMPOUND AND BY RADIUM SALTS AT
DIFFERENT TEMPERATURES. 14 Aug 61. 17p. 3 refs.
Order from SLA \$1.60 63-10342.

Trans. of Soc[iedad] Cient[ifica] Argentina (Anales,
1934, v. 118, p. 227-241).

DESCRIPTORS: *Helium group gases, *Helium,
*Platinum compounds, *Radium compounds, Bromides,
Pyrolysis.

(Chemistry--Inorganic, TT, v. 10, no. 2)

I. Damianovich, H.
II. Title: Release ...

Office of Technical Services